

ABSTRACT

In an measuring method for optical transfer function of the invention, irradiating-light from a light source (31) scans an element to be measured within an image sensor of an imaging camera constituted by integrating an imaging optical system and the image sensor. The element to be measured converts sequentially the irradiating-light into an electrical signal and outputs the electrical signal. Further, based on the outputted electrical signal, point spread function data is generated, and subjected to Fourier transform to calculate an optical transfer function. Accordingly, a method is provided for measuring an optical transfer function for properly restoring image degradation due to factors including the position of the imaging optical system within the imaging camera and inter-element cross talk.